

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	Attorney Docket No.	BX/TF-101.P.1
	First Inventor or Application Identifier	Robert L. Lawton
	Title	Soluble Analyte Detection and Amplification
	Express Mail Label No.	EL 892181524 US
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Specification [Total Pages of application [49] 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets [6] 4. Oath or Declaration a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (For continuation/divisional with Box 16 completed) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application See 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. <input checked="" type="checkbox"/> Computer Readable Copy b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy) c. <input checked="" type="checkbox"/> Statement verifying identity of above copies		

PTO
10/653321
22264 U.S.


ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & documents(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement
(when there is an assignee)
☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449
☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity Statement(s) (PTO/SB/09-12)
☐ Statement filed in prior application. Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
15. ☒ Other: Certificate of Mailing by Express Mail

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) Of prior application No:


Prior application Information: Examiner _____ Group Art Unit

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion as been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE INFORMATION

☒ Customer Number **24232** or Bar Code Label []

☐ Correspondence address below

Name		Thomas D. Foster	
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Name	Thomas D. Foster	Registration Number	44,686
Signature		Date	2 SEPTEMBER 2003

Corresponds to PTO/SB/05

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Mail Stop Patent Application

"Express Mail" Mailing Label Number: EL 892181524 US

Date of Deposit: 2 September 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Utility Patent Application

Entitled: SOLUBLE ANALYTE DETECTION AND AMPLIFICATION
Appl. No.: To be determined
Filed: Herewith
Inventors: Robert L. LAWTON
Our Ref.: BX/TF-101.P.1

Sir:

The following documents are forwarded herewith for appropriate action by the United States Patent and Trademark Office:

1. Utility Patent Application Transmittal (in duplicate);
2. Fee Transmittal (in duplicate);
3. Sequence listing (paper format and computer readable format)
4. Statement under 37 CFR 1.821

David R. Preston & Associates, A.P.C.

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5. Complete U. S. Patent Application entitled

Soluble Analyte Detection and Amplification

and naming as inventors

Robert L. LAWTON

the utility application comprising:

- 1) Total pages of application: [49]
- 2) Pages of specification: [33];
- 3) Pages of Figures: [6]; Number of Figures: [6];
- 4) Pages of Title Page: [1];
- 5) Pages of Abstract: [1];
- 6) Pages of Claims: [7]; [43] Claims;
- 7) Pages of Sequence Listing [1].

7. One Return Post Card; and

8. Our Check number 2454 for \$ 582⁰⁰ to cover the Application fee (small entity status).

It is respectfully requested that the attached postcard be stamped with the filing date and unofficial application number and returned as soon as possible.

Please apply any charges not covered, or any credits, to Deposit Account number 501321 in the name of David R. Preston & Associates, APC

The following attorneys are the attorneys of record for prosecuting this application and transacting all business in the USPTO connected therewith:

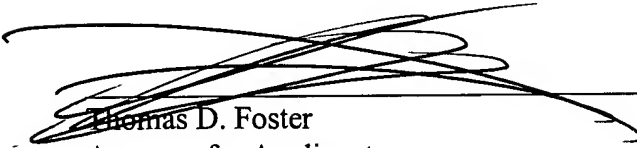
Thomas D. Foster, Esq.
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Please send all correspondence and direct all telephone calls to:

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Respectfully Submitted,
DAVID R. PRESTON & ASSOCIATES, A.P.C.



Thomas D. Foster
Attorney for Applicant
Registration No. 44,686


CERTIFICATE OF MAILING BY EXPRESS MAIL

EXPRESS MAIL MAILING LABEL NUMBER EL 892181524 US

DATE OF DEPOSIT 2 September 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

MIA D. UNSON
(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

BX/TF-101.P.1
Patent Office Cover Letter

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 582.00)

Complete if Known

Application Number	To be determined
Filing Date	Herewith
First Named Inventor	LAWTON, Robert L.
Examiner Name	To be determined
Art Unit	To be determined
Attorney Docket No.	BX/TF-101.P.1

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

501321

David R. Preston

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375.00
1002 320	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 375.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 43 - 20** = 23 x 9 = 207
 Independent Claims 3 - 3** = 0 x 42 = 0
 Multiple Dependent Claims =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 207.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Thomas D. Foster	Registration No. (Attorney/Agent)	44,686	Telephone	858-724-0375
Signature		Date	2 SEPT 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.